

## Storm Data and Unusual Weather Phenomena - April 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, South</b>				
<b>WHITE COUNTY --- CARMi [38.08, -88.17], 2.7 NNE IRON [38.01, -88.21], 2.4 N HERALD [38.00, -88.18], 1.7 WNW EPWORTH [38.08, -88.13]</b>				
	04/01/15 00:00 CST		0	Flood (due to Heavy Rain / Snow Melt)
	04/01/15 19:00 CST		0	Source: River/Stream Gage
Minor flooding of the Little Wabash River lingered into the first day of April.				
The Little Wabash River fell below flood stage on the first day of the month. Abnormally heavy rain and snowmelt in March kept the river above flood stage for over two weeks.				
<b>JOHNSON COUNTY --- 3.0 S VIENNA [37.38, -89.90]</b>				
	04/02/15 22:35 CST		0	Hail (0.75 in)
	04/02/15 22:35 CST		0	Source: Trained Spotter
<b>WILLIAMSON COUNTY --- HERRIN [37.80, -89.03]</b>				
	04/02/15 23:20 CST		0	Hail (0.75 in)
	04/02/15 23:20 CST		0	Source: Public
<b>FRANKLIN COUNTY --- WEST FRANKFORT [37.90, -88.92]</b>				
	04/02/15 23:33 CST		0	Hail (0.88 in)
	04/02/15 23:33 CST		0	Source: Emergency Manager
<b>JACKSON COUNTY --- CARBONDALE [37.72, -89.22]</b>				
	04/03/15 00:06 CST		0	Hail (1.00 in)
	04/03/15 00:06 CST		0	Source: Emergency Manager
<b>EDWARDS COUNTY --- 2.0 NW WEST SALEM [38.54, -88.05]</b>				
	04/03/15 00:30 CST		0	Heavy Rain
	04/03/15 02:30 CST		0	Source: Trained Spotter
Illinois Route 130 was under water near the Richland County line. Local streams were out of their banks.				
<b>JACKSON COUNTY --- 2.0 W CARBONDALE [37.72, -89.26], 2.0 SW CARBONDALE [37.70, -89.25], 2.0 SE CARBONDALE [37.70, -89.19], 2.0 N CARBONDALE [37.75, -89.22]</b>				
	04/03/15 00:50 CST		0	Flash Flood (due to Heavy Rain)
	04/03/15 02:45 CST		0	Source: Broadcast Media
Eastbound Route 13 was closed due to flooding. Another intersection along Route 13 was under water. Storm total rainfall of 2.15 inches was reported.				
<b>SALINE COUNTY --- 4.0 SW HARRISBURG [37.69, -88.60], RALEIGH [37.82, -88.53]</b>				
	04/03/15 01:00 CST		0	Heavy Rain
	04/03/15 03:30 CST		0	Source: Law Enforcement
Water was over Illinois Route 145 in a couple of places southwest of Harrisburg. Water was also over Illinois Route 34 at Raleigh.				
A complex of thunderstorms over east-central Missouri moved and redeveloped southeast across southern Illinois. The activity developed near and north of an east-west oriented convective outflow boundary. The boundary sagged southward through a moderately unstable air mass. There was enough elevated instability during the nighttime hours for isolated large hail. The overall intensity of the storms diminished as the atmosphere stabilized during the wee morning hours. Heavy rainfall and flooding of urban areas was the primary hazard with these storms.				
<b>JOHNSON COUNTY --- SIMPSON [37.47, -88.75]</b>				
	04/03/15 11:00 CST		0	Hail (1.00 in)
	04/03/15 11:00 CST		0	Source: Trained Spotter
<b>GALLATIN COUNTY --- SHAWNEETOWN [37.70, -88.13]</b>				
	04/03/15 11:14 CST		0	Hail (1.00 in)
	04/03/15 11:14 CST		0	Source: COOP Observer

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>GALLATIN COUNTY --- EQUALITY [37.73, -88.33]</b>				
	04/03/15 12:15 CST		0	Heavy Rain
	04/03/15 12:15 CST		0	Source: Public
Storm total rainfall was 3.50 inches.				
<b>WILLIAMSON COUNTY --- CREAL SPGS [37.62, -88.83]</b>				
	04/03/15 15:30 CST		0	Heavy Rain
	04/03/15 15:30 CST		0	Source: Trained Spotter
The storm total rainfall for the past 24 hours was 3.44 inches.				
Thunderstorms increased in coverage and intensity as a cold front moved eastward across the Lower Ohio Valley. Moderately strong south winds in the lower levels veered to westerly in the mid levels, providing adequate shear for sustained severe convection. Daytime heating and destabilization resulted in mixed-layer cape values approaching 1000 j/kg. A few storms produced large hail. Locally heavy rainfall occurred.				
<b>GALLATIN COUNTY --- SHAWNEETOWN [37.70, -88.13], 3.0 NNE SALINE MINES [37.66, -88.16], 3.0 SSW SHAWNEETOWN [37.66, -88.15], 0.4 SE SHAWNEETOWN [37.70, -88.12]</b>				
	04/05/15 11:00 CST		0	Flood (due to Heavy Rain)
	04/28/15 19:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. A few county roads were closed. Bottomland and surrounding low-lying areas were under water.				
<b>WHITE COUNTY --- CARMi [38.08, -88.17], 3.6 N HERALD [38.02, -88.18], 2.7 E BROWNSVILLE [38.03, -88.20], 1.4 SW CARMi [38.07, -88.19]</b>				
	04/06/15 10:00 CST		0	Flood (due to Heavy Rain)
	04/17/15 15:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Little Wabash River. Some county roads were inundated, along with low-lying bottomland fields.				
<b>MASSAC COUNTY --- BROOKPORT [37.12, -88.63], 1.2 SE METROPOLIS [37.14, -88.71], 1.5 E METROPOLIS [37.15, -88.70], 0.9 NW BROOKPORT [37.13, -88.64]</b>				
	04/10/15 03:00 CST		0	Flood (due to Heavy Rain)
	04/29/15 08:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Mainly agricultural bottomland and low-lying areas were under water, including sections of Fort Massac State Park.				
<b>PULASKI COUNTY --- OLMSTED [37.18, -89.08], 1.0 S OLMSTED [37.17, -89.08], 2.6 SE NEW GRAND CHAIN [37.22, -88.99], 1.7 SSE NEW GRAND CHAIN [37.23, -89.00]</b>				
	04/10/15 03:00 CST		0	Flood (due to Heavy Rain)
	04/29/15 15:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Water reached the power house at Lock and Dam 53. Low-lying areas near the river were under water.				
<b>WHITE COUNTY --- MAUNIE [38.03, -88.05], 0.9 ENE MAUNIE [38.03, -88.03], 2.1 E MAUNIE [38.03, -88.01], 0.4 ESE RISING SUN [38.00, -88.02], 0.3 WNW RISING SUN [38.00, -88.03]</b>				
	04/10/15 05:00 CST		0	Flood (due to Heavy Rain)
	04/18/15 21:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Wabash River. Low-lying woods and fields were inundated.				
<b>ALEXANDER COUNTY --- 2.7 SE CAIRO [36.98, -89.14], 2.9 ESE CAIRO [36.99, -89.13], 1.1 NE CAIRO [37.01, -89.17], 1.1 E CAIRO [37.00, -89.16]</b>				
	04/10/15 06:00 CST		0	Flood (due to Heavy Rain)
	04/29/15 20:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Mainly agricultural bottomland and low-lying areas were under water. A few river access roads and portions of Fort Defiance State Park were inundated.				
<b>POPE COUNTY --- GOLCONDA [37.37, -88.48], 0.7 ESE TANSILL [37.30, -88.52], 1.3 E TANSILL [37.30, -88.51], 0.5 SE GOLCONDA [37.36, -88.47]</b>				
	04/10/15 11:00 CST		0	Flood (due to Heavy Rain)
	04/26/15 13:00 CST		0	Source: River/Stream Gage

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Minor flooding occurred along the Ohio River. Low-lying areas near the river were under water, primarily woods and fields. A few county roads and river access points were inundated.				

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### WABASH COUNTY --- 1.7 E MT CARMEL [38.42, -87.74], 2.2 SSE PATTON [38.45, -87.73], 1.9 SSW PATTON [38.45, -87.76], 0.9 ENE MT CARMEL [38.43, -87.76]

04/10/15 11:00 CST	0	Flood (due to Heavy Rain)
04/18/15 01:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Wabash River. A few local river roads were closed by high water. All oil field production ceased with the exception of pumping units on substructures. Farmers moved livestock to higher ground. Many river cabins became inaccessible.

The Ohio, Wabash, and Little Wabash Rivers rose back above flood stage after a series of heavy rainfall events in late March and early April. Showers and thunderstorms were frequent during the first few days of the month ahead of a surface cold front. A warm front brought more rain on the 7th. Rainfall totals averaged one to three inches during the first few days of the month, and another inch or so fell with the warm front.

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### WAYNE COUNTY --- 6.0 S JOHNSONVILLE [38.43, -88.53]

04/08/15 12:45 CST	0	Hail (0.75 in)
04/08/15 12:45 CST	0	Source: Trained Spotter

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### WAYNE COUNTY --- CISNE [38.52, -88.43], MT ERIE [38.52, -88.23]

04/08/15 13:01 CST	0	Hail (1.75 in)
04/08/15 13:10 CST	0	Source: Public

Quarter-size hail was reported at Cisne. Hail up to the size of golf balls was photographed in Mount Erie.

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### WAYNE COUNTY --- 2.0 E CISNE [38.52, -88.39]

04/08/15 13:12 CST	0	Hail (0.88 in)
04/08/15 13:12 CST	0	Source: Trained Spotter

An isolated severe thunderstorm moved east, staying just north of Interstate 64. The storm moved along an outflow boundary that originated from an earlier thunderstorm complex. Steep mid-level lapse rates and a moderately unstable air mass supported this storm, which produced large hail.

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### (IL-Z081) FRANKLIN

04/08/15 18:50 CST	5K	Strong Wind (MAX 43 kt)
04/08/15 19:30 CST	0	

Strong south winds were associated with the remnant effects of a thunderstorm complex that had dissipated as it crossed the Mississippi River. The short period of strong gusty winds lasted for 30 to 45 minutes. The area affected by the strongest winds was very small, centered over Franklin County. The highest gust at the Carbondale airport in Jackson County was only 39 mph.

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### PERRY COUNTY --- PINCKNEYVILLE [38.08, -89.38]

04/09/15 20:26 CST	0	Hail (1.00 in)
04/09/15 20:26 CST	0	Source: Public

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### JEFFERSON COUNTY --- MT VERNON [38.32, -88.90], 1.0 N MT VERNON ARPT [38.33, -88.87]

04/09/15 20:51 CST	0	Hail (1.00 in)
04/09/15 20:54 CST	0	Source: Trained Spotter

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### WILLIAMSON COUNTY --- 1.2 SSE CRAINVILLE [37.73, -89.06]

04/09/15 21:13 CST	0	Hail (1.00 in)
04/09/15 21:13 CST	0	Source: Amateur Radio

Quarter-size hail occurred near Crab Orchard Lake.

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### WILLIAMSON COUNTY --- MARION [37.73, -88.93]

04/09/15 21:14 CST	0	Thunderstorm Wind (MG 52 kt)
04/09/15 21:14 CST	0	Source: Trained Spotter

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### WILLIAMSON COUNTY --- JOHNSTON CITY [37.82, -88.93]

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	04/09/15 21:15 CST		20K	Thunderstorm Wind (MG 52 kt)
	04/09/15 21:15 CST		0	Source: Trained Spotter
A metal roof was blown off a building. A wind gust to 60 mph was measured nearby.				
A broken line of thunderstorms moved eastward across southern Illinois during the evening hours. At the surface, a low pressure center over northwest Missouri deepened northeastward into southern Wisconsin. A cold front trailing south-southwest from the low strengthened and accelerated east across the Mid-Mississippi Valley and Ozarks to the Lower Ohio Valley. At mid levels, the storms were supported by a weak lead disturbance that crossed the Ozarks, headed northeast to the Ohio Valley. Ample west-southwesterly deep-layer wind shear (from 40 to 45 knots) existed for sustained severe storms. The degree of low-level forcing along the front resulted in an extensive, broken squall line with embedded bowing structures. The severe weather reports were generally along and north of a line from Carbondale to Harrisburg.				
<b>PERRY COUNTY --- DU QUOIN [38.02, -89.23]</b>				
	04/25/15 14:26 CST		0	Heavy Rain
	04/25/15 14:26 CST		0	Source: Emergency Manager
Street flooding was reported.				
<b>FRANKLIN COUNTY --- 1.0 E BENTON [38.00, -88.90], 2.0 E BENTON [38.00, -88.88]</b>				
	04/25/15 14:40 CST		5K	Thunderstorm Wind (EG 56 kt)
	04/25/15 14:40 CST		0	Source: Emergency Manager
Several large trees were down along Highway 14.				
<b>FRANKLIN COUNTY --- ZEIGLER [37.90, -89.05]</b>				
	04/25/15 14:42 CST		0	Hail (0.75 in)
	04/25/15 14:42 CST		0	Source: Fire Department/Rescue
<b>FRANKLIN COUNTY --- THOMPSONVILLE [37.92, -88.77]</b>				
	04/25/15 15:00 CST		4K	Thunderstorm Wind (EG 52 kt)
	04/25/15 15:00 CST		0	Source: Broadcast Media
Large tree limbs were blown down.				
<b>SALINE COUNTY --- GALATIA [37.83, -88.62], ELDORADO [37.82, -88.43]</b>				
	04/25/15 15:05 CST		35K	Thunderstorm Wind (EG 61 kt)
	04/25/15 15:20 CST		0	Source: Law Enforcement
Damaging winds swept across northern Saline County. In Galatia, large tree limbs were blown down. In Raleigh, law enforcement personnel estimated a wind gust of 65 to 70 mph downed a tree. In Eldorado, a tree was down on a trailer home.				
<b>SALINE COUNTY --- RALEIGH [37.82, -88.53], ELDORADO [37.82, -88.43]</b>				
	04/25/15 15:20 CST		0	Hail (1.00 in)
	04/25/15 15:22 CST		0	Source: Law Enforcement
Quarter-size hail fell across portions of northern Saline County.				
<b>GALLATIN COUNTY --- EQUALITY [37.73, -88.33], SHAWNEETOWN [37.70, -88.13]</b>				
	04/25/15 15:30 CST		25K	Thunderstorm Wind (EG 61 kt)
	04/25/15 15:42 CST		0	Source: Emergency Manager
Numerous trees and power lines were down between the communities of Equality and Shawneetown. This swath of wind damage was associated with a small bow echo on radar.				
<b>GALLATIN COUNTY --- OMAHA [37.88, -88.30]</b>				
	04/25/15 15:36 CST		0	Hail (1.00 in)
	04/25/15 15:36 CST		0	Source: Emergency Manager
<b>JACKSON COUNTY --- MURPHYSBORO [37.77, -89.33]</b>				
	04/25/15 15:36 CST		0	Hail (0.88 in)
	04/25/15 15:36 CST		0	Source: Trained Spotter

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<b>POPE COUNTY --- DIXON SPGS [37.38, -88.68]</b>				
	04/25/15 16:17 CST		0	Hail (0.75 in)
	04/25/15 16:17 CST		0	Source: Emergency Manager
<b>POPE COUNTY --- GOLCONDA [37.37, -88.48]</b>				
	04/25/15 16:28 CST		0	Hail (0.75 in)
	04/25/15 16:28 CST		0	Source: Fire Department/Rescue
<p>A cluster of thunderstorms increased in coverage and intensity as it moved across southern Illinois. The thunderstorms produced pockets of wind damage and hailstones up to the size of quarters as they progressed east-southeast across Saline and Gallatin Counties, then into northwest Kentucky. A second cluster of storms followed a path just south of the first cluster, from Jackson County southeast across Pope County. Both clusters of storms intensified just south of a stationary front that was draped along the Interstate 64 corridor from St. Louis to Evansville. The air mass slowly destabilized south of the front, with temperatures well into the 70's and dew points near 60 degrees.</p>				
<b>INDIANA, Southwest</b>				
<b>WARRICK COUNTY --- NEWBURGH [37.95, -87.42]</b>				
	04/03/15 12:00 CST		0	Heavy Rain
	04/03/15 12:00 CST		0	Source: Trained Spotter
<p>A trained spotter reported 2.32 inches since the previous night. Of that total, 0.78 inch came in 20 minutes in the early afternoon storms.</p>				
<b>VANDERBURGH COUNTY --- 1.3 ESE EVANSVILLE [37.97, -87.53]</b>				
	04/03/15 12:15 CST		0	Heavy Rain
	04/03/15 12:15 CST		0	Source: Trained Spotter
<p>A trained spotter measured 2.6 inches during the past 12 hours. Of that total, one inch fell in a 30-minute period in the early afternoon storms.</p>				
<p>Thunderstorms increased in coverage and intensity as a cold front moved eastward across the Lower Ohio Valley. Daytime heating and destabilization resulted in mixed-layer cape values approaching 1000 J/kg. Locally heavy rainfall occurred.</p>				
<b>GIBSON COUNTY --- 1.0 NW HAZLETON [38.49, -87.54], 2.0 NNW HAZLETON [38.51, -87.54], 1.6 WSW GIRO [38.49, -87.50], 0.9 NE HAZLETON [38.49, -87.52]</b>				
	04/04/15 23:00 CST		4K	Flood (due to Heavy Rain)
	04/27/15 05:00 CST		0	Source: River/Stream Gage
<p>Minor flooding occurred on the White River. Bottomland woods and fields were flooded. High water affected any residents that were in river cabins. A few streets were submerged. Oil stripped fields were inundated. Flood gates were installed at Hazleton. Floodwaters covered the Hazleton softball field. Floodwaters covered low farmland, but the land was dormant since it was not agricultural season.</p>				
<b>GIBSON COUNTY --- 2.6 ENE LYLE [38.38, -87.61], 3.3 SW WHEELING [38.39, -87.50], 3.5 WSW WHEELING [38.41, -87.51], 1.0 SSE PATOKA [38.41, -87.58]</b>				
	04/04/15 23:00 CST		2K	Flood (due to Heavy Rain)
	04/21/15 08:00 CST		0	Source: River/Stream Gage
<p>Moderate flooding occurred along the Patoka River. At the river gage near Princeton, the river crested at 22.57 feet on the 10th. Flood stage is 18 feet. Many county roads were closed in the vicinity of the river. The flooding affected areas of farmland. Seasonal camping trailers closest to the river were flooded or moved to higher ground.</p>				
<b>PIKE COUNTY --- PETERSBURG [38.50, -87.28], 1.3 NW PETERSBURG [38.51, -87.30], 5.4 NNW ALGIERS [38.55, -87.20], 4.3 NNW ALGIERS [38.54, -87.20]</b>				
	04/04/15 23:00 EST		3K	Flood (due to Heavy Rain)
	04/26/15 12:00 EST		0	Source: River/Stream Gage
<p>Minor flooding occurred along the White River. There was considerable flooding of bottomland woods and fields. A number of county roads were flooded, including 750N, 600N, and 1000E east of State Route 57. Flooded roads west of State Route 57 included 250W, 400W, 675N, 700N, 1000W, 900W, 700W, and 775W. Flooding affected low agricultural lands and low oil fields.</p>				

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<b>WARRICK COUNTY --- NEWBURGH [37.95, -87.42], 0.6 S NEWBURGH [37.94, -87.42], 3.0 SW DAYVILLE [37.92, -87.36], 2.8 WSW DAYVILLE [37.93, -87.36]</b>				
	04/04/15 23:00 CST		0	Flood (due to Heavy Rain)
	04/24/15 04:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Low-lying fields and woodlands near the river were flooded.				
<b>POSEY COUNTY --- MT VERNON [37.93, -87.90], 1.9 SW HOVEY [37.88, -87.95], 1.5 SW HOVEY [37.88, -87.95], 0.9 SW MT VERNON [37.92, -87.91]</b>				
	04/05/15 15:00 CST		0	Flood (due to Heavy Rain)
	04/26/15 10:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Farmland and some county roads were flooded in places southwest and west of Mount Vernon.				
<b>VANDERBURGH COUNTY --- 1.6 N CYPRESS [37.94, -87.62], 1.3 ESE VAUGHAN [37.89, -87.61], 5.5 ENE RAHM [37.90, -87.53], 3.5 S EVANSVILLE [37.93, -87.54]</b>				
	04/09/15 05:00 CST		10K	Flood (due to Heavy Rain)
	04/24/15 05:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Most river bottomland was inundated. Farmers moved livestock and equipment to higher ground. Basements along the riverfront began to fill. Flooding of Pigeon Creek, which runs along the east side of Evansville, was caused by backwater from the Ohio River. Some county roads were flooded.				
<b>GIBSON COUNTY --- 1.7 WSW SKELTON [38.34, -87.81], 1.6 W SKELTON [38.35, -87.81], 1.6 WSW EAST MT CARMEL [38.39, -87.76], 1.3 SW EAST MT CARMEL [38.39, -87.75]</b>				
	04/09/15 23:00 CST		4K	Flood (due to Heavy Rain)
	04/18/15 01:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Wabash River. A few local river roads were closed by high water. All oil field production ceased with the exception of pumping units on substructures. Farmers moved livestock to higher ground. Many river cabins became inaccessible.				
<b>POSEY COUNTY --- 0.9 WSW NEW HARMONY [38.12, -87.94], 2.3 SW NEW HARMONY [38.10, -87.95], 2.1 SSW NEW HARMONY [38.10, -87.95], 0.7 SW NEW HARMONY [38.12, -87.94]</b>				
	04/09/15 23:00 CST		0	Flood (due to Heavy Rain)
	04/18/15 21:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Wabash River. Low-lying fields and woodlands near the river were inundated. Some stripper oil wells began to flood.				
<b>The Ohio, Wabash, White, and Patoka Rivers rose back above flood stage after a series of heavy rainfall events in late March and early April. Showers and thunderstorms were frequent during the first few days of the month ahead of a surface cold front. A warm front brought more rain on the 7th. Rainfall totals averaged one to three inches during the first few days of the month, and another inch or so fell with the warm front.</b>				
<b>VANDERBURGH COUNTY --- 3.8 N DARMSTADT [38.16, -87.58], 1.1 NNE ELLIOTT [38.14, -87.46]</b>				
	04/07/15 13:20 CST		0.40M	Tornado (EF1, L: 6.45 mi , W: 500 yd)
	04/07/15 13:28 CST		0	Source: NWS Storm Survey
The tornado touched down just west of U.S. Highway 41 and then moved south of due east. Power poles were broken along U.S. Highway 41. At least three farm machinery sheds and garages were destroyed. Three grain bins were destroyed. Numerous other small structures were overturned or destroyed. One home had major structural damage, including an exterior wall pushed outward. The exterior wall was on the end of the house with an attached garage. Dozens of homes lost shingles or gutters. Many dozens of trees were uprooted or snapped. A semi was overturned at the Interstate 164 junction with State Route 57. Peak winds were estimated near 110 mph. The average path width was 325 yards. The majority of damage occurred in Vanderburgh County. This tornado continued into Warrick County.				
<b>VANDERBURGH COUNTY --- 4.0 N DARMSTADT [38.16, -87.58]</b>				
	04/07/15 13:28 CST		0	Hail (0.75 in)
	04/07/15 13:28 CST		0	Source: Law Enforcement
<b>WARRICK COUNTY --- 2.5 SSW ELBERFELD [38.14, -87.46], 5.5 NNW CHANDLER [38.12, -87.41]</b>				
	04/07/15 13:28 CST		30K	Tornado (EF1, L: 3.11 mi , W: 500 yd)
	04/07/15 13:33 CST		0	Source: NWS Storm Survey

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This tornado continued from Vanderburgh County. The majority of the damage with this tornado occurred in Vanderburgh County. Most of the damage path in Warrick County was through rural areas. A few homes lost shingles and gutters. Dozens of trees were uprooted or snapped. The average path width was 325 yards. Peak winds were estimated near 110 mph.				
<b>WARRICK COUNTY --- 3.0 N BOONVILLE [38.09, -87.27], 5.5 NE BOONVILLE [38.11, -87.20]</b>				
	04/07/15 13:44 CST		0.11M	Thunderstorm Wind (EG 74 kt)
	04/07/15 13:55 CST		0	Source: NWS Storm Survey
A microburst containing winds estimated near 85 mph tracked north and northeast of Boonville. More than a dozen homes and other structures lost shingles or pieces of siding. Dozens of trees were uprooted. Many tree limbs were blown down. The microburst was about one mile wide on average.				
<b>WARRICK COUNTY --- 3.5 SW TENNYSON [38.04, -87.17], 2.0 SW TENNYSON [38.06, -87.15]</b>				
	04/07/15 13:47 CST		0.10M	Tornado (EF1, L: 1.50 mi, W: 300 yd)
	04/07/15 13:50 CST		0	Source: NWS Storm Survey
Maximum winds were estimated near 95 mph. One barn was destroyed, and several other barns sustained major roof damage. A garage lost its roof. Several trees were blown down. The funnel was sighted from Tennyson by a trained spotter.				
<b>WARRICK COUNTY --- 1.5 E TENNYSON [38.08, -87.09], 2.0 E TENNYSON [38.08, -87.08]</b>				
	04/07/15 13:54 CST		2K	Tornado (EF1, L: 0.50 mi, W: 200 yd)
	04/07/15 13:56 CST		0	Source: NWS Storm Survey
This tornado began along the eastern edge of Warrick County. Peak winds were estimated near 95 mph. Some trees were damaged. Most of the damage occurred during the Spencer County portion of the track. This tornado continued into Spencer County.				
<b>SPENCER COUNTY --- 1.6 SSW PIGEON [38.08, -87.08], 2.0 S GENTRYVILLE [38.09, -87.03]</b>				
	04/07/15 13:56 CST		10K	Tornado (EF1, L: 2.99 mi, W: 200 yd)
	04/07/15 14:00 CST		0	Source: NWS Storm Survey
This tornado continued from Warrick County. Numerous trees and limbs were blown down, including some large trees that were snapped or uprooted. Peak winds were estimated near 95 mph.				
<b>WARRICK COUNTY --- TENNYSON [38.08, -87.12]</b>				
	04/07/15 14:00 CST		0	Hail (0.75 in)
	04/07/15 14:00 CST		0	Source: Trained Spotter
<b>WARRICK COUNTY --- TENNYSON [38.08, -87.12]</b>				
	04/07/15 14:00 CST		4K	Thunderstorm Wind (MG 58 kt)
	04/07/15 14:00 CST		0	Source: Trained Spotter
Numerous large tree limbs were down. A trained spotter measured a wind gust to 67 mph before the wind equipment was ripped off its pole.				
<b>SPENCER COUNTY --- CHRISNEY [38.02, -87.03], LAMAR [38.07, -86.90]</b>				
	04/07/15 14:05 CST		0	Thunderstorm Wind (EG 61 kt)
	04/07/15 14:05 CST		0	Source: Trained Spotter
A trained spotter estimated a wind gust to 70 mph in Lamar. In Chrisney, tree branches were broken by winds estimated near 60 mph.				
<b>SPENCER COUNTY --- CHRISNEY [38.02, -87.03]</b>				
	04/07/15 14:10 CST		0	Heavy Rain
	04/07/15 14:10 CST		0	Source: CoCoRaHS
Rainfall of 1.40 inches was measured in 30 minutes.				
<b>SPENCER COUNTY --- NEW BOSTON [38.05, -86.82]</b>				
	04/07/15 14:12 CST		50K	Thunderstorm Wind (EG 52 kt)
	04/07/15 14:12 CST		0	Source: Public
Trees were down on a house.				
<b>SPENCER COUNTY --- ROCKPORT [37.88, -87.05]</b>				

## Storm Data and Unusual Weather Phenomena - April 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/07/15 14:13 CST		0	Hail (0.88 in)
	04/07/15 14:13 CST		0	Source: Trained Spotter

A mesoscale convective system moved east-southeast from southern Illinois into southwest Indiana. The complex transitioned from a continuous line of storms to a more discrete storm mode, with two distinct supercells. The supercell over southwest Indiana produced three tornadoes along its track across Vanderburgh, Warrick, and Spencer Counties. The storms encountered a moderately unstable air mass and sufficient deep-layer wind shear for storm organization. Mixed-layer capes around 1000 to 1500 j/kg were supported by temperatures in the upper 70's and dew points in the lower 60's. This instability, coupled with effective wind shear near 40 knots, supported supercell activity with tornadoes.

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### VANDERBURGH COUNTY --- 2.0 W EVANSVILLE DRESS ARP [38.03, -87.57], 0.8 E EVANSVILLE DRESS ARP [38.03, -87.52]

04/09/15 22:43 CST	50K	Thunderstorm Wind (EG 61 kt)
04/09/15 22:46 CST	0	Source: NWS Storm Survey

Thunderstorm winds estimated near 70 mph caused damage at the Evansville Regional Airport. The three-mile long damage area began about two miles west of the airport and ended on the east side of the airport. The damage area was up to two-thirds of a mile wide. West of the airport, several sections of yard fencing and numerous tree limbs and small trees were blown down. The end roof section of a vinyl roof building was blown off. The covering of a nearby sign board was blown partially off. At the Evansville airport, a tarmac loading ramp was blown into the side of a commercial aircraft. The aircraft was dented, and the flight was cancelled. A utility light pole was blown over at the airport. A wind gust to 67 mph was measured by the automated observing system at the Evansville Regional Airport.

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### WARRICK COUNTY --- 2.0 N NEWBURGH [37.98, -87.42]

04/09/15 22:52 CST	0	Thunderstorm Wind (MG 52 kt)
04/09/15 22:52 CST	0	Source: Trained Spotter

A wind gust was measured to 60 mph.

A broken line of thunderstorms moved eastward into southwest Indiana during the late evening hours. At the surface, a low pressure center over northwest Missouri deepened northeastward into southern Wisconsin. A cold front trailing south-southwest from the low strengthened and accelerated east across the Mid-Mississippi Valley and Ozarks to the Lower Ohio Valley. At mid levels, the storms were supported by a weak lead disturbance that crossed the Ozarks, headed northeast to the Ohio Valley. Ample west-southwesterly deep-layer wind shear (from 40 to 45 knots) existed for sustained severe storms. The degree of low-level forcing along the front resulted in an extensive, broken squall line with embedded bowing structures. A bowing structure moved through the Evansville airport area, producing a corridor of wind damage.

## KENTUCKY, Southwest

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### MARSHALL COUNTY --- 5.0 W CALVERT CITY [37.03, -88.44]

04/02/15 12:30 CST	0	Heavy Rain
04/02/15 13:30 CST	0	Source: Trained Spotter

Minor flooding was reported in low-lying areas along U.S. Highway 62. Ditches were nearly full.

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### HICKMAN COUNTY --- CLINTON [36.67, -88.98]

04/02/15 13:00 CST	0	Heavy Rain
04/02/15 14:00 CST	0	Source: 911 Call Center

Water was over a few streets.

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### GRAVES COUNTY --- MAYFIELD [36.73, -88.63]

04/02/15 13:05 CST	0	Hail (0.75 in)
04/02/15 13:05 CST	0	Source: Unknown

Isolated strong thunderstorms occurred ahead of a cold front over central Missouri. The storms formed within a corridor of low-level moisture along the Mississippi River, where surface dew points were in the mid 60's.

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### CRITTENDEN COUNTY --- 1.8 NE WESTON [37.49, -88.05]

04/03/15 02:09 CST	0	Hail (0.88 in)
04/03/15 02:09 CST	0	Source: Trained Spotter

Nickel-size hail fell near the Union County line, about five miles southwest of Sturgis.



## Storm Data and Unusual Weather Phenomena - April 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DAVIESS COUNTY --- OWENSBORO [37.77, -87.12]</b>				
	04/03/15 03:00 CST		0	Heavy Rain
	04/03/15 04:30 CST		0	Source: Trained Spotter
The storm-total rainfall at the Owensboro airport was 1.68 inches. Streets were flooded in the city of Owensboro.				
<b>BALLARD COUNTY --- 1.8 SW BLANDVILLE [36.93, -88.97]</b>				
	04/03/15 07:20 CST		4K	Thunderstorm Wind (EG 52 kt)
	04/03/15 07:20 CST		0	Source: Department of Highways
A couple of trees were blown down in the county. One of the trees was 18 inches in diameter ten miles south of La Center.				
<b>MARSHALL COUNTY --- 1.0 SE CALVERT CITY [37.02, -88.34]</b>				
	04/03/15 08:06 CST		15K	Thunderstorm Wind (EG 70 kt)
	04/03/15 08:07 CST		0	Source: NWS Storm Survey
Fewer than a dozen trees or tree limbs were blown down, including three large trees. There was damage to the roof and gutters of two homes. A number of homes lost shingles.				
<b>MARSHALL COUNTY --- GILBERTSVILLE [37.02, -88.28]</b>				
	04/03/15 08:07 CST		18K	Thunderstorm Wind (EG 65 kt)
	04/03/15 08:08 CST		0	Source: NWS Storm Survey
At least three mobile homes sustained roof or siding damage. Several trees or tree limbs were down. A small storage shed was destroyed.				
<b>A couple of complexes of thunderstorms affected western Kentucky during the early morning hours. The first complex was associated with a convective outflow boundary that moved southeast from southern Illinois. Hailstones up to nickel-size and local street flooding were observed with these storms. Another complex of storms moved east from southeast Missouri into western Kentucky later in the morning. This complex was associated with the nose of a strong southwest low-level jet. A few damaging wind gusts were associated with these storms.</b>				
<b>UNION COUNTY --- 1.2 WSW UNIONTOWN [37.76, -87.95], 2.1 W UNIONTOWN [37.77, -87.97], 1.9 W UNIONTOWN [37.77, -87.96], 0.5 WNW UNIONTOWN [37.77, -87.94]</b>				
	04/06/15 03:00 CST		0	Flood (due to Heavy Rain)
	04/27/15 06:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Minor flooding affected mainly bottomland fields and low-lying areas.				
<b>MUHLENBERG COUNTY --- 0.4 W PARADISE [37.27, -86.99], 1.8 SE MARTWICK [37.31, -87.00], 2.1 SE MARTWICK [37.31, -86.99], 0.2 NW PARADISE [37.27, -86.98]</b>				
	04/08/15 18:00 CST		0	Flood (due to Heavy Rain)
	04/27/15 22:00 CST		0	Source: River/Stream Gage
Moderate flooding occurred along the Green River. At the Paradise river gage, the river crested at 390.61 feet on the 21st. Flood stage is 380 feet. Low-lying fields and woodlands near the river were flooded.				
<b>MCCLEAN COUNTY --- LIVERMORE [37.48, -87.13], 0.7 S POVERTY [37.56, -87.33], 2.4 S POVERTY [37.54, -87.33], 1.6 E ISLAND [37.45, -87.12]</b>				
	04/10/15 03:00 CST		10K	Flood (due to Heavy Rain)
	04/27/15 14:00 CST		0	Source: River/Stream Gage
Moderate flooding occurred along the Green River. At the Calhoun river gage, the river crested at 28.02 feet on the 22nd. Flood stage is 23 feet. Thousands of acres were flooded in the Rumsey, Island, and Jewel City areas of Mclean County. Spring planting was not yet underway, so crop losses were negligible. Several county roads were closed. Kentucky Highway 85 near Island was closed, along with West Second Street in Rumsey. A couple of streets in Livermore were closed. A riverfront park in Calhoun was submerged.				
<b>The Green River and a nearby portion of the Ohio River rose back above flood stage after a series of heavy rainfall events in late March and early April. Showers and thunderstorms were frequent during the first few days of the month ahead of a surface cold front. A warm front brought more rain on the 7th. Rainfall totals averaged one to three inches during the first few days of the month, and another inch or so fell with the warm front.</b>				
<b>DAVIESS COUNTY --- OWENSBORO [37.77, -87.12], 1.6 NW OWENSBORO [37.79, -87.14], 0.8 N OWENSBORO [37.78, -87.12], 2.2 N DOYLE [37.78, -87.08]</b>				

## Storm Data and Unusual Weather Phenomena - April 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/15/15 17:00 CST		0	Flood (due to Heavy Rain)
	04/21/15 06:00 CST		0	Source: River/Stream Gage

Minor flooding occurred along the Ohio River. Some low-lying bottomlands were inundated.

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<b>MCCRACKEN COUNTY --- 2.0 NNW CECIL [37.13, -88.68], 1.9 N TYLER [37.08, -88.58], 2.5 N TYLER [37.09, -88.58], 2.0 N CECIL [37.13, -88.67]</b>				
	04/17/15 19:00 CST		0	Flood (due to Heavy Rain)
	04/26/15 22:00 CST		0	Source: River/Stream Gage

Minor flooding occurred along the Ohio River. Low-lying woods and fields near the river were inundated. Portions of a riverside park in downtown Paducah were flooded.

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<b>LIVINGSTON COUNTY --- SMITHLAND [37.13, -88.40], 1.4 WNW SMITHLAND [37.14, -88.42], 0.3 NE BAYOU [37.23, -88.48], 0.9 N BIRDSVILLE [37.23, -88.45]</b>				
	04/19/15 22:00 CST		3K	Flood (due to Heavy Rain)
	04/24/15 21:00 CST		0	Source: River/Stream Gage

Minor flooding occurred along the Ohio River. Low-lying woods and bottomland fields were inundated. A private campground at Birdsville was flooded.

**The Ohio River rose back above flood stage after a series of heavy rainfall events in late March and early April. Showers and thunderstorms were frequent during the first few days of the month ahead of a surface cold front. A warm front brought more rain on the 7th. Rainfall totals averaged one to three inches during the first few days of the month, and another inch or so fell with the warm front.**

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<b>GRAVES COUNTY --- LYNNVILLE [36.57, -88.57]</b>				
	04/19/15 17:05 CST		0	Hail (0.75 in)
	04/19/15 17:05 CST		0	Source: Trained Spotter

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<b>CHRISTIAN COUNTY --- 1.0 NW GRACEY [36.88, -87.66]</b>				
	04/19/15 21:45 CST		0	Heavy Rain
	04/19/15 21:45 CST		0	Source: Trained Spotter

A storm-total rainfall of 2.56 inches was reported within the past 24 hours.

**A few strong storms formed ahead of a pre-frontal surface trough that extended from southeast Missouri down the Lower Mississippi Valley. The storms were further enhanced by a 500 mb speed max spreading across Arkansas toward the Lower Ohio Valley.**

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<b>UNION COUNTY --- UNIONTOWN [37.77, -87.93], MORGANFIELD [37.68, -87.92]</b>				
	04/25/15 16:09 CST		0	Hail (1.00 in)
	04/25/15 16:09 CST		0	Source: Trained Spotter

Quarter-size hail fell over parts of northern Union County.

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<b>HENDERSON COUNTY --- 3.0 SW SMITH MILLS [37.77, -87.81], 2.0 NE ROBARDS [37.69, -87.52]</b>				
	04/25/15 16:20 CST		0.21M	Thunderstorm Wind (EG 87 kt)
	04/25/15 16:40 CST	1	0	Source: NWS Storm Survey

Destructive thunderstorm winds swept across a 16-mile swath of Henderson County that crossed directly through the Corydon area. Two mobile homes were destroyed. Two other mobile homes received major damage. At least a dozen houses sustained minor damage, primarily loss of shingles and fascia. Approximately a dozen barns, sheds, or garages received roof or siding damage. Dozens of trees were uprooted. About ten power poles were snapped or blown down. Transformers were damaged at a power substation. One person received minor injuries. An elderly woman was transported to the hospital after her mobile home was flipped over and destroyed. The damage area was up to 1.25 miles wide. Peak winds were estimated near 100 mph.

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<b>HENDERSON COUNTY --- 0.5 W DIXIE [37.68, -87.69], 0.3 E DIXIE [37.68, -87.68]</b>				
	04/25/15 16:24 CST		20K	Tornado (EF0, L: 0.75 mi, W: 275 yd)
	04/25/15 16:25 CST		0	Source: NWS Storm Survey

At least a half dozen trees were uprooted. A carport and a recreational vehicle were damaged by falling trees. There was partial shingle loss to one home, and gutter damage to another. The community of Dixie is an unincorporated community approximately four miles south-southeast of Corydon at the intersection of Kentucky Highways 145 and 1557. Peak winds were estimated near 85 mph.

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<b>HENDERSON COUNTY --- HENDERSON [37.83, -87.58]</b>				
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## Storm Data and Unusual Weather Phenomena - April 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/25/15 16:25 CST		0	Heavy Rain
	04/25/15 16:55 CST		0	Source: Unknown

Between three-quarters and one inch of rain fell in 30 minutes.

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### MCLEAN COUNTY --- 5.0 N LIVERMORE [37.55, -87.13]

04/25/15 17:12 CST	0	Thunderstorm Wind (MG 56 kt)
04/25/15 17:12 CST	0	Source: Trained Spotter

A trained spotter reported 60 to 65 mph wind gusts and pea-size hail.

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### HOPKINS COUNTY --- 5.0 NW DAWSON SPGS [37.22, -87.76]

04/25/15 17:30 CST	0	Funnel Cloud
04/25/15 17:30 CST	0	Source: Storm Chaser

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### HOPKINS COUNTY --- 5.0 NW DAWSON SPGS [37.22, -87.76]

04/25/15 17:30 CST	0	Thunderstorm Wind (EG 65 kt)
04/25/15 17:30 CST	0	Source: Storm Chaser

A storm chaser estimated winds gusted to 75 mph.

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### HOPKINS COUNTY --- 5.0 NW DAWSON SPGS [37.22, -87.76]

04/25/15 17:35 CST	0	Hail (1.00 in)
04/25/15 17:35 CST	0	Source: Storm Chaser

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### MUHLENBERG COUNTY --- 7.0 SW GREENVILLE [37.13, -87.27], WEIR [37.12, -87.22]

04/25/15 18:07 CST	0	Thunderstorm Wind (EG 52 kt)
04/25/15 18:09 CST	0	Source: Trained Spotter

Trained spotters estimated wind gusts to 60 mph along Highway 853 near Weir.

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### CHRISTIAN COUNTY --- CROFTON [37.05, -87.48]

04/25/15 18:09 CST	0	Funnel Cloud
04/25/15 18:09 CST	0	Source: Trained Spotter

A funnel cloud was reported by trained spotters and the general public.

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### MARSHALL COUNTY --- CALVERT CITY [37.03, -88.35]

04/25/15 18:21 CST	0	Hail (0.75 in)
04/25/15 18:21 CST	0	Source: Trained Spotter

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### HICKMAN COUNTY --- FULHAM [36.65, -88.87]

04/25/15 19:39 CST	0	Hail (0.75 in)
04/25/15 19:39 CST	0	Source: Emergency Manager

A cluster of severe thunderstorms, including a bow echo and a supercell, moved east-southeast across the Ohio River from Gallatin County, Illinois. These thunderstorms produced pockets of destructive wind, a brief tornado, and hailstones up to the size of quarters as they progressed across Union, Henderson, and Mclean Counties. Another cluster of thunderstorms tracked just south of the first cluster, from Crittenden County east-southeast across Caldwell County to southern Muhlenberg and northern Christian Counties. These storms produced isolated marginally severe wind and hail. Both clusters of storms intensified just south of a stationary front that was draped along the Interstate 64 corridor from St. Louis to Evansville. The air mass slowly destabilized south of the front, with temperatures rising well into the 70's and dew points near 60 degrees.

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## MISSOURI, Southeast

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### STODDARD COUNTY --- BERNIE [36.68, -89.97]

04/02/15 10:14 CST	0	Hail (0.75 in)
04/02/15 10:14 CST	0	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - April 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Isolated strong thunderstorms occurred ahead of a cold front over central Missouri. The storms formed within a corridor of low-level moisture along the Mississippi River, where surface dew points were in the mid 60's.				
<b>BUTLER COUNTY --- QULIN [36.60, -90.27], 3.0 NE QULIN [36.63, -90.23], 3.0 NNW QULIN [36.64, -90.29], 2.3 NW QULIN [36.62, -90.30], 1.3 W QULIN [36.60, -90.29]</b>				
	04/03/15 02:00 CST	1	20K	Flash Flood (due to Heavy Rain)
	04/03/15 04:00 CST		0	Source: Broadcast Media
Flash flooding of drainage ditch number 1 for the Black River apparently caused a drowning fatality. A vehicle travelling along a small farm road parallel to the ditch got stuck in mud. The male victim was located several days later about 400 yards south of his pickup truck and six feet from the bank of the ditch. The search was suspended for about two days to allow the water to recede.				
Direct Fatalities: M40VE				
A complex of thunderstorms over central Missouri moved and redeveloped southeast across southeast Missouri. The activity developed near and north of an east-west oriented convective outflow boundary. The boundary sagged southward through a moderately unstable air mass. The overall intensity of the storms diminished as the atmosphere stabilized during the wee morning hours. Heavy rainfall and flooding of poor drainage areas was the primary hazard with these storms.				
<b>SCOTT COUNTY --- SCOTT CITY [37.25, -89.52]</b>				
	04/03/15 10:15 CST		0	Hail (1.00 in)
	04/03/15 10:15 CST		0	Source: Public
Thunderstorms increased in coverage and intensity as a cold front moved eastward into southeast Missouri. Moderately strong south winds in the lower levels veered to westerly in the mid levels, providing adequate shear for sustained severe convection. Daytime heating and destabilization resulted in mixed-layer cape values approaching 1000 j/kg. An isolated large hail event was reported.				
<b>WAYNE COUNTY --- PIEDMONT [37.17, -90.72]</b>				
	04/09/15 19:45 CST		6K	Thunderstorm Wind (EG 52 kt)
	04/09/15 19:45 CST		0	Source: Emergency Manager
Trees were blown down.				
<b>CAPE GIRARDEAU COUNTY --- 0.5 NW DAISY [37.53, -89.81], 1.5 ENE DAISY [37.53, -89.77]</b>				
	04/09/15 20:16 CST		6K	Tornado (EF0, L: 1.75 mi , W: 150 yd)
	04/09/15 20:18 CST		0	Source: NWS Storm Survey
Numerous trees and tree limbs were blown down. Peak winds were estimated near 75 mph.				
<b>BOLLINGER COUNTY --- MARBLE HILL [37.30, -89.97]</b>				
	04/09/15 20:24 CST		0	Hail (0.75 in)
	04/09/15 20:26 CST		0	Source: Emergency Manager
<b>CAPE GIRARDEAU COUNTY --- 3.0 W JACKSON [37.38, -89.72], 1.3 W JACKSON [37.38, -89.69]</b>				
	04/09/15 20:31 CST		60K	Tornado (EF0, L: 1.70 mi , W: 130 yd)
	04/09/15 20:33 CST		0	Source: NWS Storm Survey
Approximately a dozen homes lost shingles. Minor damage to gutters and fascia occurred. One home sustained a broken window impacted by a shingle. Several mainly small trees and tree limbs were down. Maximum winds were estimated near 85 mph.				
<b>CAPE GIRARDEAU COUNTY --- CAPE GIRARDEAU [37.30, -89.53]</b>				
	04/09/15 20:50 CST		20K	Thunderstorm Wind (EG 52 kt)
	04/09/15 20:50 CST		0	Source: Law Enforcement
Trees were downed in the city. Over 2,400 utility customers were without power around the county.				
A broken line of thunderstorms moved eastward across southeast Missouri during the evening hours. At the surface, a low pressure center over northwest Missouri deepened northeastward into southern Wisconsin. A cold front trailing south-southwest from the low strengthened and accelerated east across the Mid-Mississippi Valley and Ozarks to the Lower Ohio Valley. At mid levels, the storms were supported by a weak lead disturbance that crossed the Ozarks, headed northeast to the Ohio Valley. Ample west-southwesterly deep-layer wind shear (from 40 to 45 knots) existed for sustained severe storms and a few supercells. The degree of low-level forcing along the front resulted in an extensive, broken squall line with embedded bowing structures and a couple of supercells. The severe weather reports were generally along and north of a line from Cape Girardeau to Greenville.				

## Storm Data and Unusual Weather Phenomena - April 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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NEW MADRID COUNTY --- PARMA [36.62, -89.82]	04/19/15 20:05 CST		0	Hail (1.00 in)
	04/19/15 20:05 CST		0	Source: Public
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NEW MADRID COUNTY --- 0.5 N NEW MADRID [36.61, -89.53]	04/19/15 20:25 CST		0	Hail (0.75 in)
	04/19/15 20:25 CST		0	Source: Public
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MISSISSIPPI COUNTY --- EAST PRAIRIE [36.78, -89.38]	04/19/15 20:45 CST		0	Hail (0.75 in)
	04/19/15 20:45 CST		0	Source: Trained Spotter

A thunderstorm complex moved eastward across northern Arkansas during the evening hours. The northern edge of this complex grazed southeast Missouri. A few of the storms produced hail up to the size of quarters. The storms formed along a pre-frontal surface trough that extended from southeast Missouri down the Lower Mississippi Valley. The storms were further enhanced by a 500 mb speed max spreading across Arkansas toward the Lower Ohio Valley.